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RULE 63 (37 C.F.R. 1.63)
DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention **INTEGRATED COOLING DUCT FOR RESIN-ENCAPSULATED DISTRIBUTION TRANSFORMER COILS** the specification of which (check applicable box(es)):

- ☐ is attached hereto.
☒ was filed on 12/21/01 as U.S. Application Serial No. 10/026,199.
☐ was filed as PCT international application No. PCT/ / on and (if applicable to U.S. or PCT application) was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a). I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Prior Foreign Application(s): Application Number	Country	Day/Month/Year Filed
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I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application listed below:

Prior Provisional Application(s): Application Serial No.	Day/Month/Year Filed
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I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56(a) which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S./PCT Application(s): Application Serial No.	Date/Month/Year Filed	Status: patented, pending, abandoned
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint the firm of Womble Carlyle Sandridge & Rice, PLLC, comprising LOUIS T. ISAF Reg. No. 29,078; JAMES F. VAUGHAN Reg. No. 31,889; STEVEN D. KERR Reg. No. 32,472; D. SCOTT SUDDERTH Reg. No. 34,026; MICHAEL A. CICERO Reg. No. 34,562; JOHN J. TIMAR Reg. No. 32,497; STEVEN L. SCHMID Reg. No. 39,358; DAVID J. HAYZER Reg. No. 43,329; DAVID S. BRADIN Reg. No. 37,783; JACQUELYN D. AUSTIN Reg. No. 43,478; CARL B. MASSEY, JR. Reg. No. 44,224; BRIAN J. HAIRSTON Reg. No. 46,750; THOMAS B. MCGURK, Reg. No. 44,920; KATHLEEN NEUNER MANNE, Reg. No. 40,101; WILLIAM A. CAPP, Reg. No. P-49,037; C. ROBERT RHODES, Reg. No. 24,200; JACK B. HICKS, Reg. No. 34,180; JEFFREY R. MCFADDEN, Reg. No. 46,916; LEWIS S. ROWELL, Reg. No. 45,469; and CRAIG H. POPALIS Reg. No. 49,028, as my attorneys and/or agents with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent Office connected herewith. Address all communications and telephone calls to: Womble Carlyle Sandridge & Rice, PLLC., P.O. Box 7037, Atlanta, Georgia 30357-0037, (336) 547-8090 - Lewis S. Rowell.

- 1) Inventor's Signature
Inventor's Name (typed)

	Date	Feb 27, 2002
Thomas J. Lanoue		USA
First Middle Initial Family Name		Citizenship
Cary J. Lanoue	(State/Foreign Country)	North Carolina
Post Office Address	Zip Code	27511

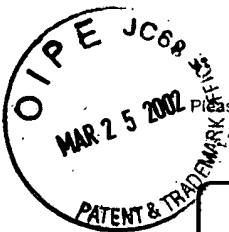
- 2) Inventor's Signature
Inventor's Name (typed)

	Date	3-5-2002
Michael J. Mitchell		USA
First Middle Initial Family Name		Citizenship
Christiansburg J. Mitchell	(State/Foreign Country)	Virginia
Post Office Address	Zip Code	24073

- 3) Inventor's Signature
Inventor's Name (typed)

	Date	3/5/02
William E. Pauley Jr.		USA
First Middle Initial Family Name		Citizenship
Bland E. Pauley Jr.	(State/Foreign Country)	Virginia
Post Office Address	Zip Code	24315

FOR ADDITIONAL INVENTORS, check box ☒ and attach sheet with same information and signature and date for each.



Please type a plus sign (+) inside this box → ☐

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

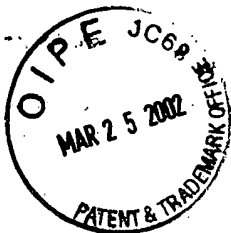
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Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>2</u> of <u>2</u>
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Charlie H.				Sarver			
Inventor's Signature						Date	
Residence: City	Rocky Gap	State	VA	Country	USA	Citizenship	USA
Post Office Address	Star Rt. Box A-4						
Post Office Address							
City	Rocky Gap	State	VA	ZIP	24366	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Patent Case No. B010730



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Thomas J. Lanoue, et al

Serial No.: 10/026,199

Filing Date: December 21, 2001

Confirmation No.: 8442

For: **INTEGRATED COOLING DUCT FOR RESIN-ENCAPSULATED
DISTRIBUTION TRANSFORMER COILS**

Commissioner for Patents
Washington, D.C. 20231

POWER OF ATTORNEY

Sir:

The undersigned, assignee of the entire interest in and to an application of Thomas J. Lanoue, et al for U.S. Letters Patent for **INTEGRATED COOLING DUCT FOR RESIN-ENCAPSULATED DISTRIBUTION TRANSFORMER COILS**, filed December 21, 2002, Serial No. 10/026,199, by an assignment document being recorded contemporaneously herewith, hereby appoints the firm of Womble Carlyle Sandridge & Rice, PLLC, comprising C. Robert Rhodes, Registration No. 24,200; Jack B. Hicks, Registration No. 34,180; Jeffrey R. McFadden, Registration No. 46,916; Lewis S. Rowell, Registration No. 45,469; Craig H. Popalis, Registration No. 49,028; Louis T. Isaf, Registration No. 29,078; James F. Vaughan, Registration No. 31,889; Steven D. Kerr, Registration No. 32,472; D. Scott Sudderth, Registration No. 34,026; Michael A. Cicero, Registration No. 34,562; John J. Timar, Registration No. 32,497; Steven L. Schmid, Registration No. 39,358; David J. Hayzer, Registration No. 43,329; David S. Bradin, Registration No. 37,783; Jacquelyn D. Austin, Registration No. 43,478; Carl B. Massey, Jr., Registration No. 44,224; Brian J. Hairston, Registration No. 46,750; Thomas B. McGurk, Registration No. 44,920; Kathleen Neuner Manne, Registration No. 40,101; and William A. Capp, Registration No. 49,037, as attorneys and/or agents with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive

the patent, and to transact all business in the Patent and Trademark Office connected therewith.

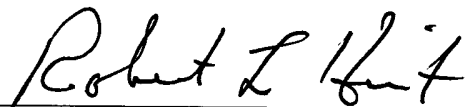
PLEASE ADDRESS ALL COMMUNICATIONS AND TELEPHONE CALLS TO:

**Lewis S. Rowell
Womble Carlyle Sandridge & Rice, PLLC
P.O. Box 7037
Atlanta, GA 30357-0037
Tel: (336) 574-8090**

Furthermore, in accordance with 37 CFR 3.73(b), the undersigned hereby states that the documentary evidence of a chain of title from the original owner to the assignee, i.e. assignment document referenced above, has been reviewed and the undersigned certifies that, to the best of assignee's knowledge and belief, title is in assignee who seeks to prosecute this application.

ABB T & D TECHNOLOGY LIMITED

By:


Robert L. Hirt
ABB Group Patent Manager

Date: 3-8-02
Attorney Docket No.: 25653.0006.0